

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/008694

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60K6/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 903 259 A (HONDA MOTOR CO LTD) 24 March 1999 (1999-03-24) paragraph '0015! paragraph '0054! paragraph '0056! paragraph '0064!	1-3, 5-10, 12-18
A	EP 0 943 475 A (NISSAN MOTOR) 22 September 1999 (1999-09-22) the whole document	1-18
A	US 6 470 983 B1 (AMANO MASAHIKO ET AL) 29 October 2002 (2002-10-29) the whole document	1-8
A	EP 1 092 581 A (TOYOTA MOTOR CO LTD) 18 April 2001 (2001-04-18) the whole document	6,7,13, 14



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

Date of the actual completion of the international search

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0903259	A	24-03-1999	JP 3216082 B2	09-10-2001
			JP 11093722 A	06-04-1999
			CN 1211512 A ,B	24-03-1999
			DE 69812016 D1	17-04-2003
			DE 69812016 T2	02-10-2003
			EP 0903259 A2	24-03-1999
			US 5939848 A	17-08-1999
EP 0943475	A	22-09-1999	JP 3489475 B2	19-01-2004
			JP 11324751 A	26-11-1999
			DE 69909542 D1	21-08-2003
			DE 69909542 T2	29-01-2004
			EP 0943475 A2	22-09-1999
			US 6090007 A	18-07-2000
			US 6328671 B1	11-12-2001
US 6470983	B1	29-10-2002	JP 3395708 B2	14-04-2003
			JP 2000310131 A	07-11-2000
			US 2001017227 A1	30-08-2001
EP 1092581	A	18-04-2001	EP 1092581 A2	18-04-2001
			JP 2001213182 A	07-08-2001
			US 6656082 B1	02-12-2003